

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20020092168" "4142392" "4580431" "5964117").PN.	US-PGPUB; USPAT	AND	ON	2007/03/23 16:09
S2	269	(72/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 15:47
S3	10	("0649341"   "1017569"   "2367226"   "2779222"   "3808860").PN. OR ("4142392").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 09:51
S4	174	(72/265).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 10:40
S5	266	(72/268).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:04
S7	112	(72/370.01).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:40
S8	38	(72/370.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:43
S9	41	(72/370.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:49
S10	41	(72/370.17).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:55
S11	106	(72/370.19).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:55
S12	2	"US 7000319"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/03/26 14:48
S13	0	"55156632"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/03/26 14:48

## EAST Search History

S14	139	extrusion and tube with spline	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/03/26 15:34
S15	620	(72/358).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 16:24
S16	25	extrud\$4 and die and mandrel with spline and tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/26 16:26
S17	33	extrud\$4 and die and mandrel and tube with spline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/27 07:37
S18	78	(72/273.5).CCLS.	EPO; JPO; DERWENT	OR	OFF	2007/03/27 07:39
S19	176	(72/273.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 08:46
S20	253	(72/267).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 09:21
S21	405	(72/359).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 09:21
S22	3	"20020092168"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/03/30 14:16
S23	247	(72/453.01).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/15 10:49
S24	42	(72/453.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/15 10:53
S26	3	("6539853").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/15 12:33

## EAST Search History

S27	5220	(72/253.1-273.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/15 14:24
S28	7	S27 and (tube or pipe or hollow) and (pressure NEAR return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 13:22
S29	0	72/343.ccls. and 72/352-359.ccls. and (tube or pipe or hollow) and (pressure near return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 13:22
S31	4614	(72/343,352-359).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/15 13:22
S32	3	S31 and (tube or pipe or hollow) and (pressure NEAR return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 13:23
S33	118	S31 and (tube or pipe or hollow) and (pressure same return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 13:23
S34	0	("2006/0213246").URPN.	USPAT	AND	ON	2007/10/15 13:23
S35	1471	(72/370.01-370.08,370.16-370.22). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/15 14:24
S36	3	S35 and (tube or pipe or hollow) and (pressure near return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 14:27
S37	24	S35 and (tube or pipe or hollow) and (pressure near10 return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 14:27
S38	265	(72/453.18).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/15 14:43

## EAST Search History

S39	12096	die and (mandrel or punch) and (tube or pipe or (hollow near cylinder)) and (profile or spline or tooth\$2 or groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:47
S40	1938	S39 and "72"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:45
S41	397	S40 and (die same return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:46
S42	5828	die and ((mandrel or punch) same (profile or spline or tooth\$2 or groove)) and (tube or pipe or (hollow near cylinder))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:47
S43	1376	S42 and "72".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:47
S44	142	S43 and (die with return)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/15 15:48
S45	6	("2344285").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/16 08:27
S46	176	(72/273.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/16 08:50
S47	270	(72/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/16 08:50
S48	174	(72/265).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/16 09:15
S49	266	(72/268).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/16 09:16

## EAST Search History

S50	7739	"72".clas. and extru\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/16 09:16
S51	542	S50 and tube and (splines or grooves)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/16 09:17